

Title (en)

Printhead, head cartridge, and printing apparatus employing either of same

Title (de)

Druckkopf, Kopfkassette und Druckvorrichtung mit einem von beiden

Title (fr)

Tête d'impression, cartouche de tête, et appareil d'impression utilisant l'une des deux

Publication

EP 1872948 A3 20090729 (EN)

Application

EP 07012521 A 20070626

Priority

JP 2006178585 A 20060628

Abstract (en)

[origin: EP1872948A2] A printhead (3) that minimizes increased size and cost of an apparatus by reducing a number of input pads, while making use of the advantages of employing a differential input circuit (503). This printhead (3) has an input pad to which a differential signal obtained by superimposing two or more logic signals is input. The differential input circuit (503) includes a circuit that disassembles the differential signal input via the input pad into separate logic signals.

IPC 8 full level

B41J 2/05 (2006.01)

CPC (source: EP KR US)

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Citation (search report)

- [A] US 2001009435 A1 20010726 - NAGUMO AKIRA [JP]
- [A] EP 1231059 A2 20020814 - HEWLETT PACKARD CO [US]
- [A] EP 1279503 A2 20030129 - HEWLETT PACKARD CO [US]

Cited by

US9341896B2; US8610867B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1872948 A2 20080102; **EP 1872948 A3 20090729**; **EP 1872948 B1 20100908**; CN 101096140 A 20080102; CN 101096140 B 20100825; DE 602007008979 D1 20101021; JP 2008006655 A 20080117; JP 4799292 B2 20111026; KR 100916860 B1 20090909; KR 20080002641 A 20080104; US 2008001979 A1 20080103; US 7959243 B2 20110614

DOCDB simple family (application)

EP 07012521 A 20070626; CN 200710127077 A 20070628; DE 602007008979 T 20070626; JP 2006178585 A 20060628; KR 20070064250 A 20070628; US 76470507 A 20070618